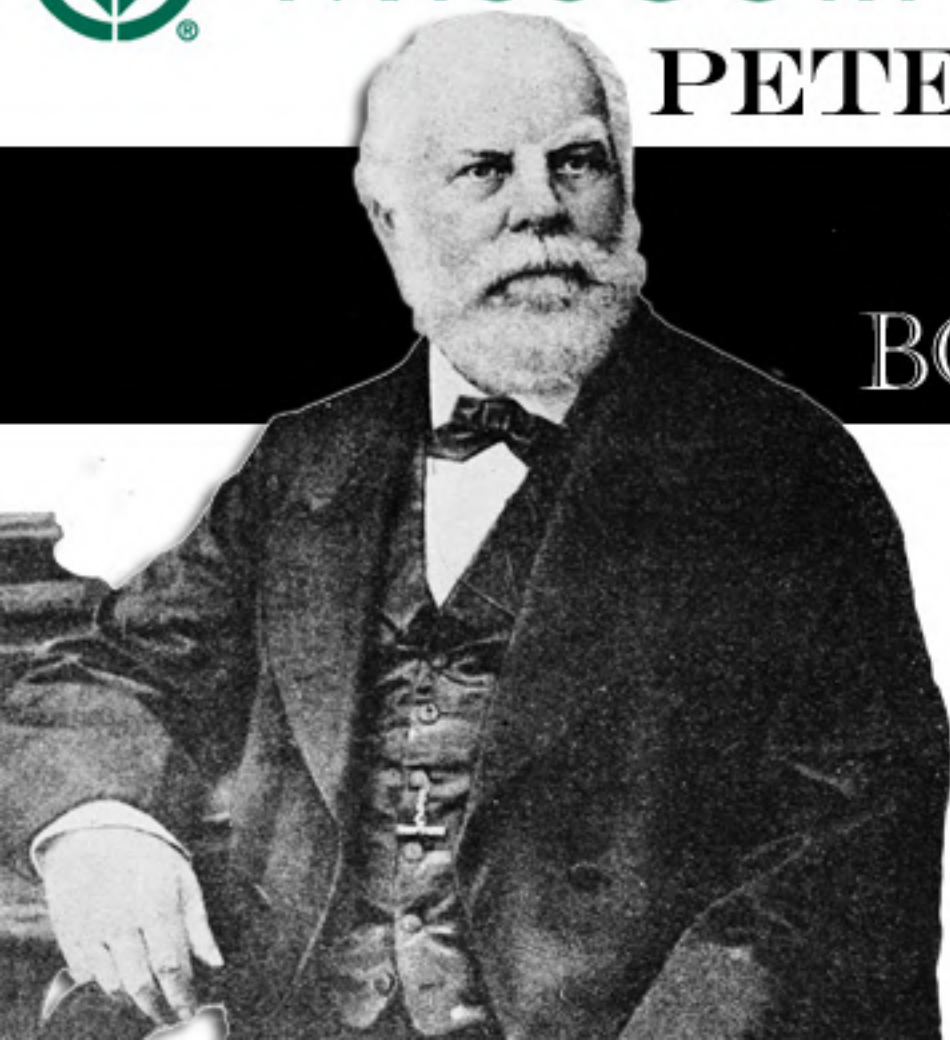


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BOTANICAL NOTEBOOKS



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60

Cusc. p. 507

C. Gronovii Willd. Hb. !

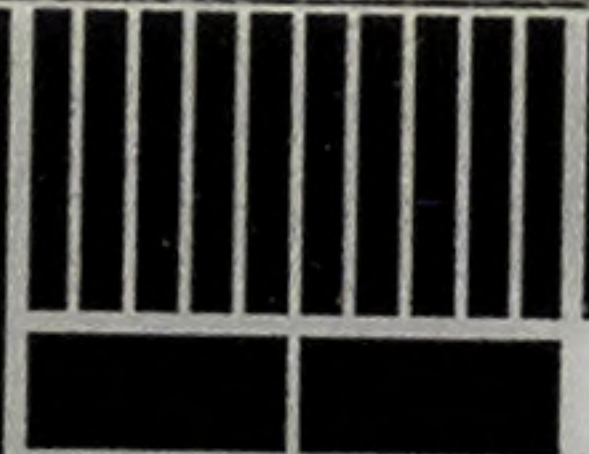
- u. C. vulgivaraga New Hampshire  
 v. C. vulgivaraga Illinois  
 w. C. vulgivaraga & Saureri in fruit.  
 x. C. Saureri (Gronovii, par ~~fructus~~ <sup>explanata</sup>  
 48 raised from Drummond's seeds Hb. Hook.

*Practolus*  
*calyptrata*  
*Curtis*  
*Coriata*

Seed ob-og

like oblong lumen  
 short  
 of paper.

(Enclosed 482-484)

0 1 2 3 4 5 6 7 8 9 10  
cm

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MISSOURI  
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GARDEN



*C. Gronovii* Willd. Hb. N<sup>o</sup> 3160 And. sept.  
*C. umbrosa* Benth. Hess! - Wb. Goetting. Georgin<sup>sup</sup>  
*C. vulgivaga* Benth. - Lillén!  
*C. ~~Americana~~* auct. Am.  
*C. polyantha* Thunberg. Hb. Aug.

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var. *plana* :  
*C. laurifolia* Benth.!



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*C. umbrosa* Hook & Arn - parts 4907  
*C. umbrosa* Torr fl. N York.  
*C. americana*.

Sept.  
Georgin  
sup

BOTANICAL GARDEN  
ENGELMANN PAPERS



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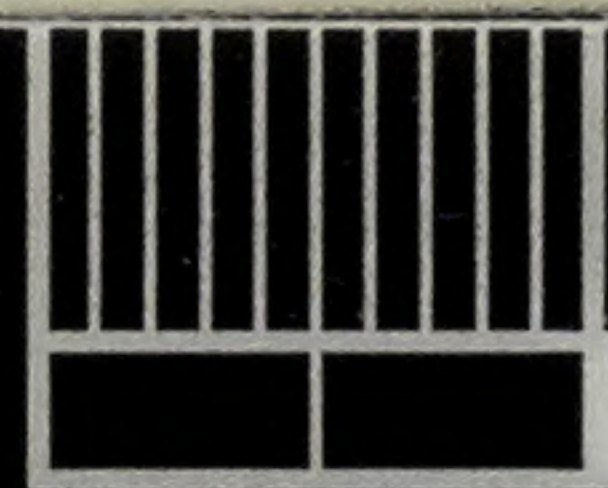
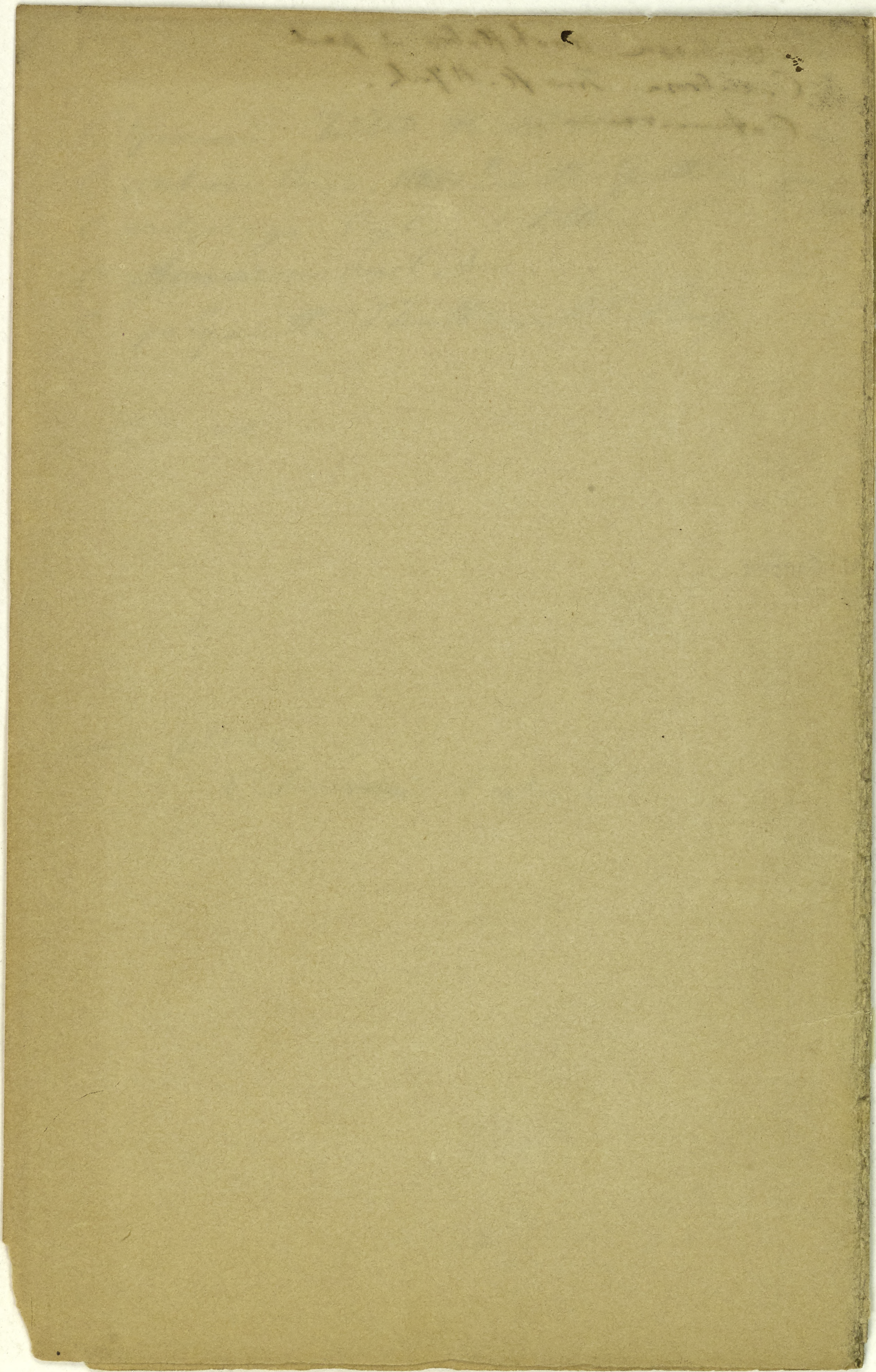
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25. 6

*C. Groenlandica* y *calyptrota*  
*C. Bonariensis*

4. *C. Bonariensis* " Hort Carlruhe

64. *C. chilensis* Hort Freyburg.

6. Embryo

(Enclosed 491-595)



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4908

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51 C. Gronovii Willd herb! Roem & Schult.

America borealis tota (cis montana)

Cuscuta Americana Lin pro parte

C. umbrosa Beyr! in herb Berlin, Goetting, Hook

C. umbrosa Hooker fl. bor. Am. pro parte

C. vulgicarpa Engel! in Pill. Journ

C. polyantha Shuttleworth in Fl. Regel

var. Explanata C. Sauerurn Engel in Pill. Journ



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4909

C. pinnatifida

Willd. Cat. 1. 1805. 1811.

Spinnier (C. pinnatifida)

Lin. Cat. Spinnier 1811. 1812.

C. pinnatifida (C. pinnatifida)

C. pinnatifida (C. pinnatifida)

C. pinnatifida (C. pinnatifida)

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51

Curat Gronovii var hortensis

- C. Bonariensis Hort. Carlshu. al.  
 C. Chilensis Hort. Freiburg. al.  
 C. tenuiflora Hort. Cath. Freiburg.



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33

4910

multiflorum

= 32

parviflorum

var. tenuella

s. *filamentis elongatis*  
*H. minoribus.*

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1862

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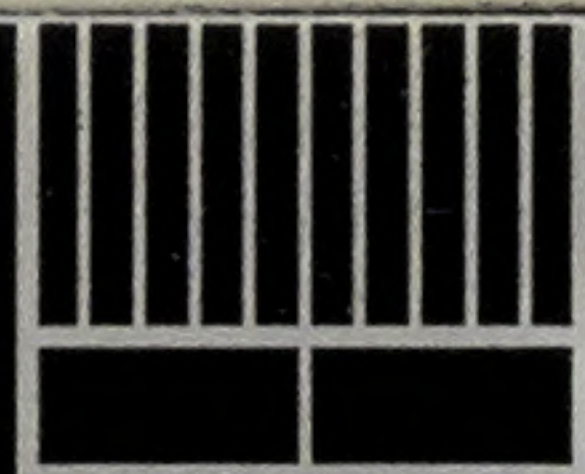


*C. Gronovii*

*glomerata*

New Hampshire

var. *C. vulgaris*



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4911

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v/1842

*C. Gronovii*

on *Phacelus*, St. Louis

ata  
flora  
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W

*C. Gronovii*

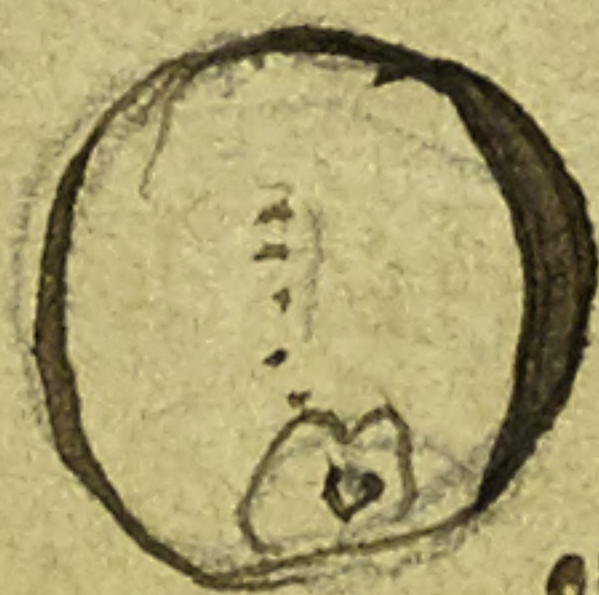


*Cuscuta umbrosa Gronovii*

Sept. 1842



0.9



0.5



0.7



*Cuscuta vulgaris*

Oct. 1842



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4913

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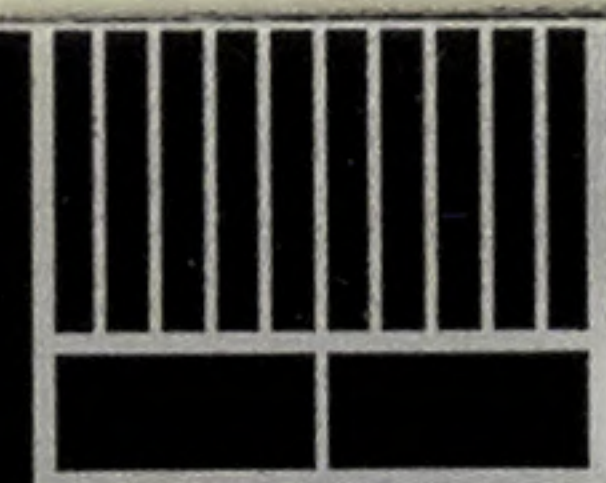
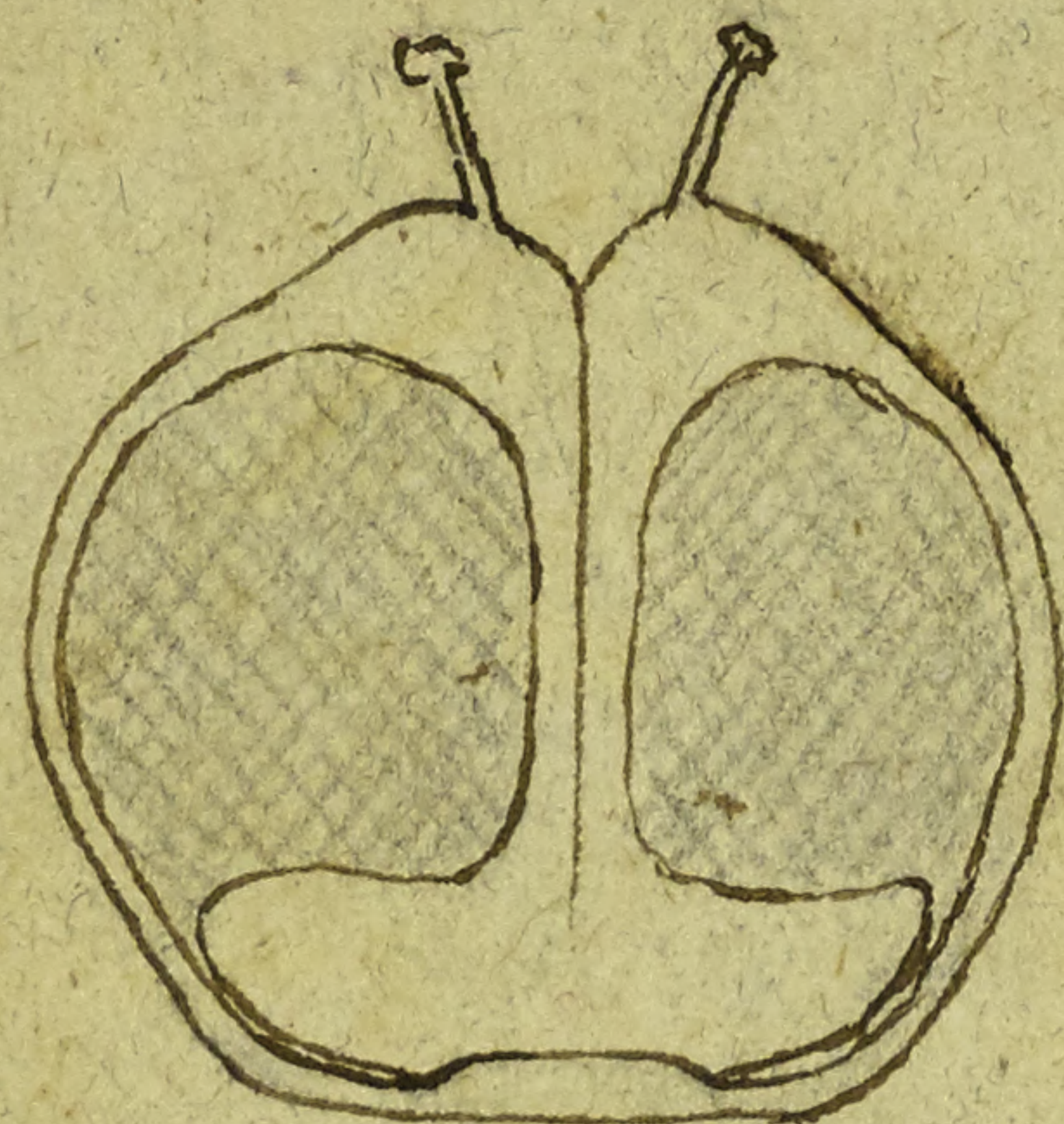


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x/1842

*Curatula Groenii*  
var *patens*  
(*C. laurina*)  
~~urubel~~ Schomin



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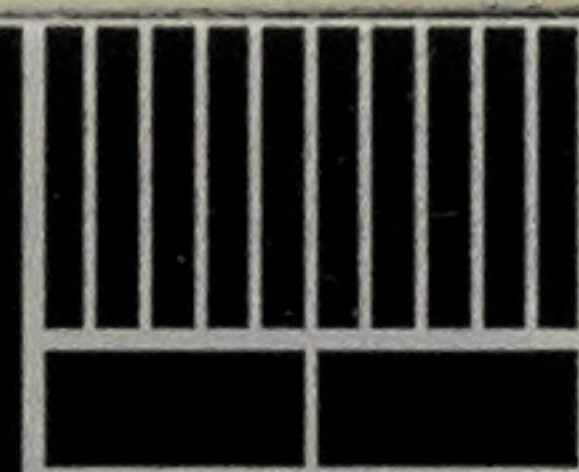


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4914

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*Cuscuta Gronovii*

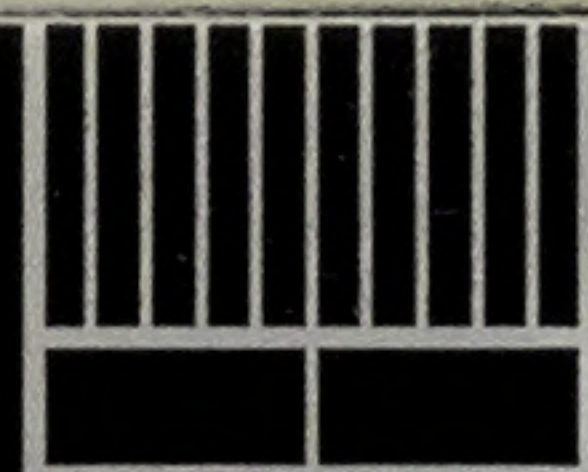
raised from Drummond's North-  
american seeds in Engle

Hort. Hook 59. 6



seems to be a form of *C. Gronovii*.

Calycis lobis ovatis ad basin fere  
disjunctis, tubum corollae subaequantibus  
laciniis ovatis obliquis, tubum aequantibus  
reflexis; staminibus aequalibus,  
antheris ovatis brevibus; <sup>stylis</sup> ~~staminibus~~ <sup>stylis</sup> aequantibus; corolla ad basin  
capsulae immixta,



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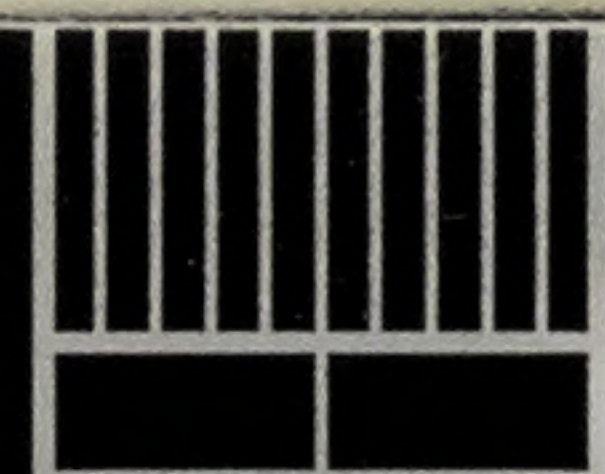


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4915

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*Cuscuta polyantha* Shuttleworth n. sp.

presertini ad Rubos, Coosa, Alabama

Reigel Aug Sept 1843

This is a form of *C. Gronovii* with  
small, very numerous, rather lax but  
at last crowded flowers



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cm

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Greenovii

Cuc. umbrosa Beyer.

- Herb. Goettig & Berlin  
& Hooker  
from Tennessee & Georgia

Beyersheim

look = C. Greenovii

Reading, Bischoff - ~~one~~ Impatiens (is it not Anemone?)  
Shreveport - Gregg has flower on top of capsule open.



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cm

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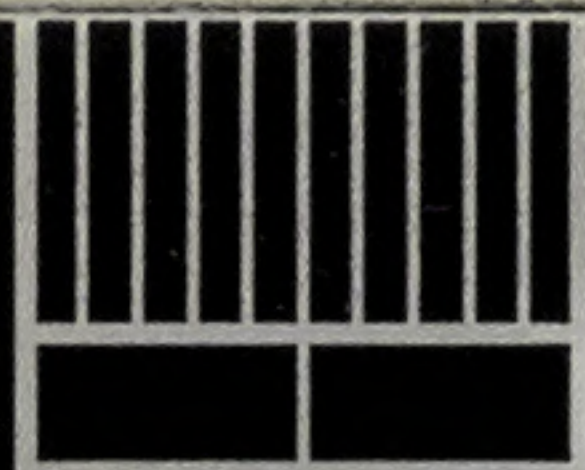


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*Donneria Gronovii*

var 48

Caserta "chilensis"

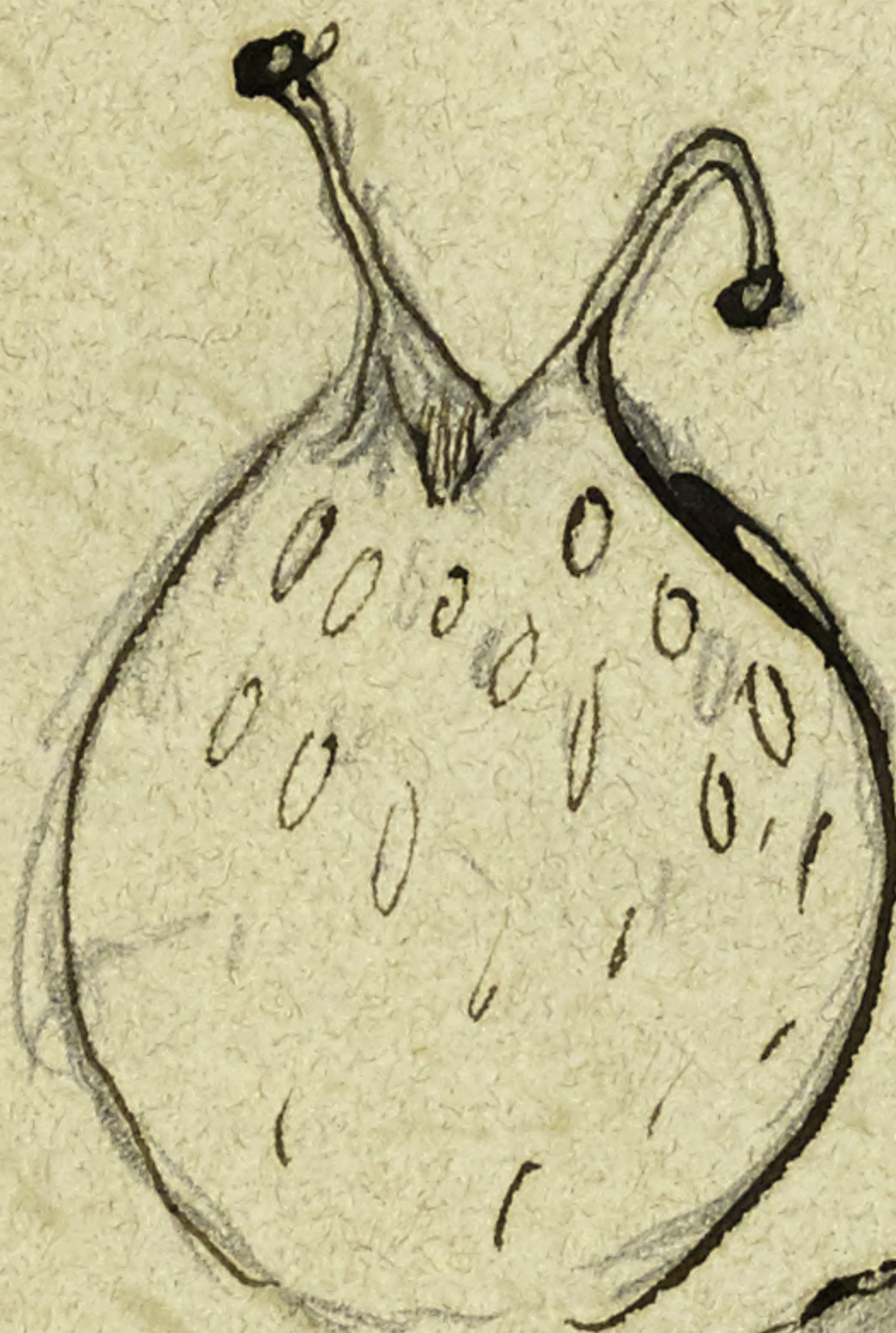
Herb. botan. Freyberg &  
Carlsruhe  
A. L.

1.7

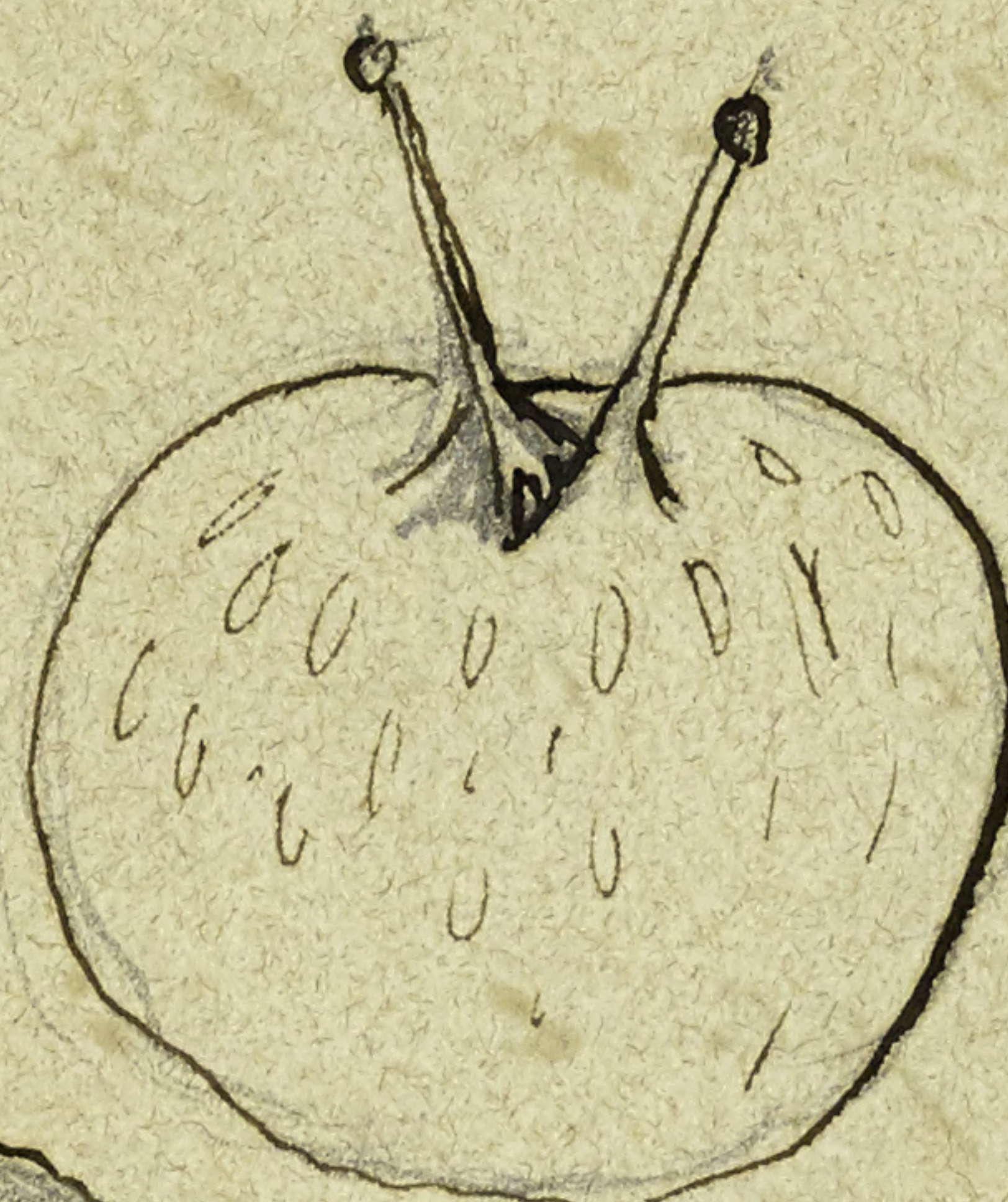


*H. A. X. glomerata*  
bracteae pedicellatis, seu  
subsessilibus; calycis  
lobis ovatis obtusis;  
tubo corollae cylindrico  
s. profunde campanulato

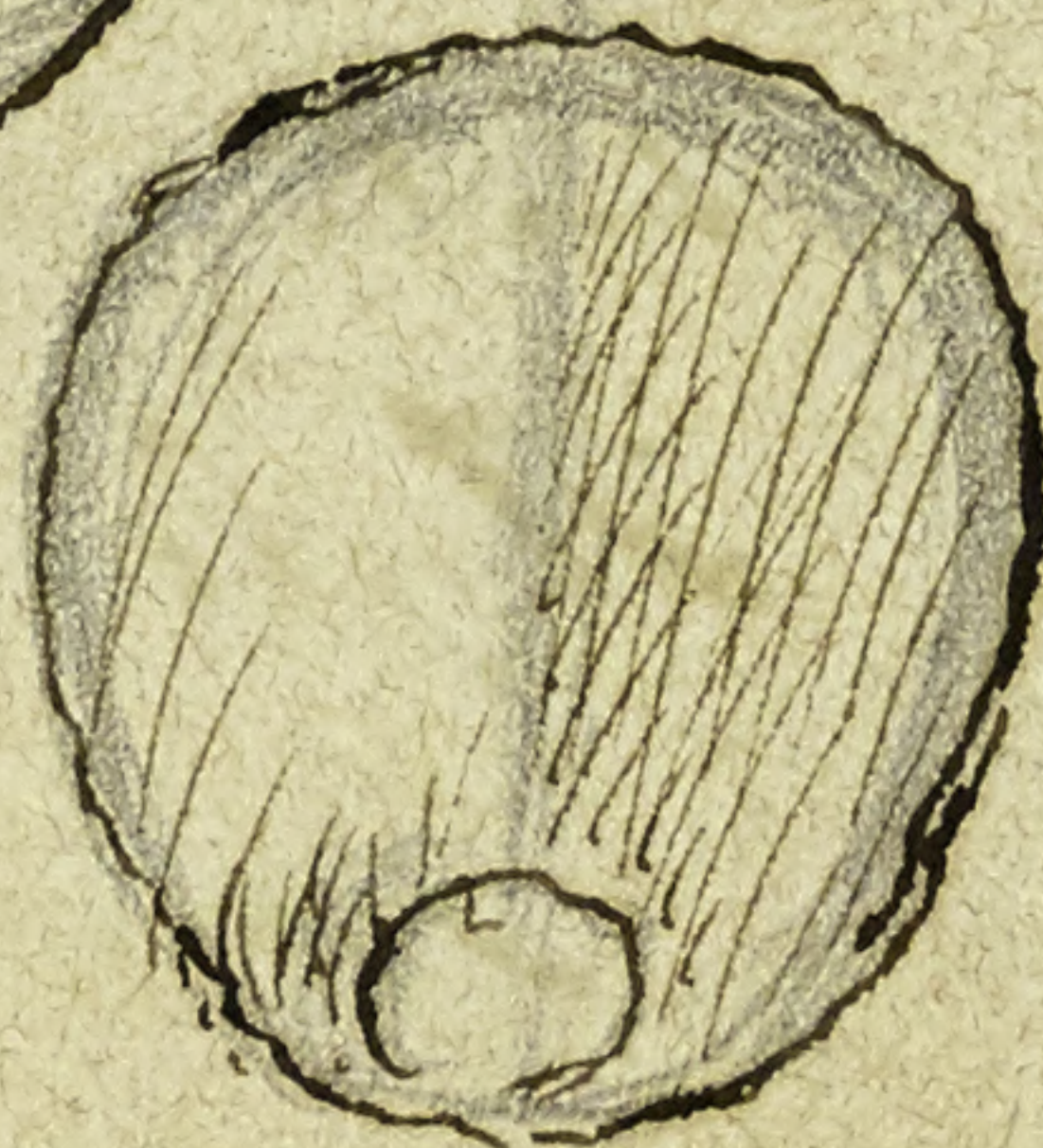
1.9



capsule  
with four  
seeds  
0.8



capsule  
with 4 regularly  
formed seeds



one of 4 regular seeds

exsertis, lobis ovatis  
obtusis  
erectis s. patulis  
demum recurvis  
tubo dimidio  
brevioribus,  
staminibus paulo  
brevioribus, antheris  
ovatis



ex herb  
Berlin



0 1 2 3 4 5 6 7 8 9 10

cm

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# - the 1st part of the 1st leafy branch, and as long as the 1st leaf!

specimen <sup>anthers</sup>, tubum non inventum, <sup>apice con-</sup> insularis  
connatis, stylis ovam <sup>apice con-</sup> saepe <sup>con-</sup> insularis  
capulis baccatis persistentes, corolla ad apicem  
membris, semilibris, verrucosis, ovato oblongis  
imperfectis obscure angulatis.

This looks exactly like C. Gronovii, but

Corolla persistent at apex of Capsule  
and 0.7-0.9 cm

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4918

The Berlin plant is slenderer, pedicels a little longer,  
only 4 lobes more oval oblong (shorter than the tube also); flower 2 l. long  
seeds a little larger and styles more capillary - I expect  
capsules also baccate. - Same thing?



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cm

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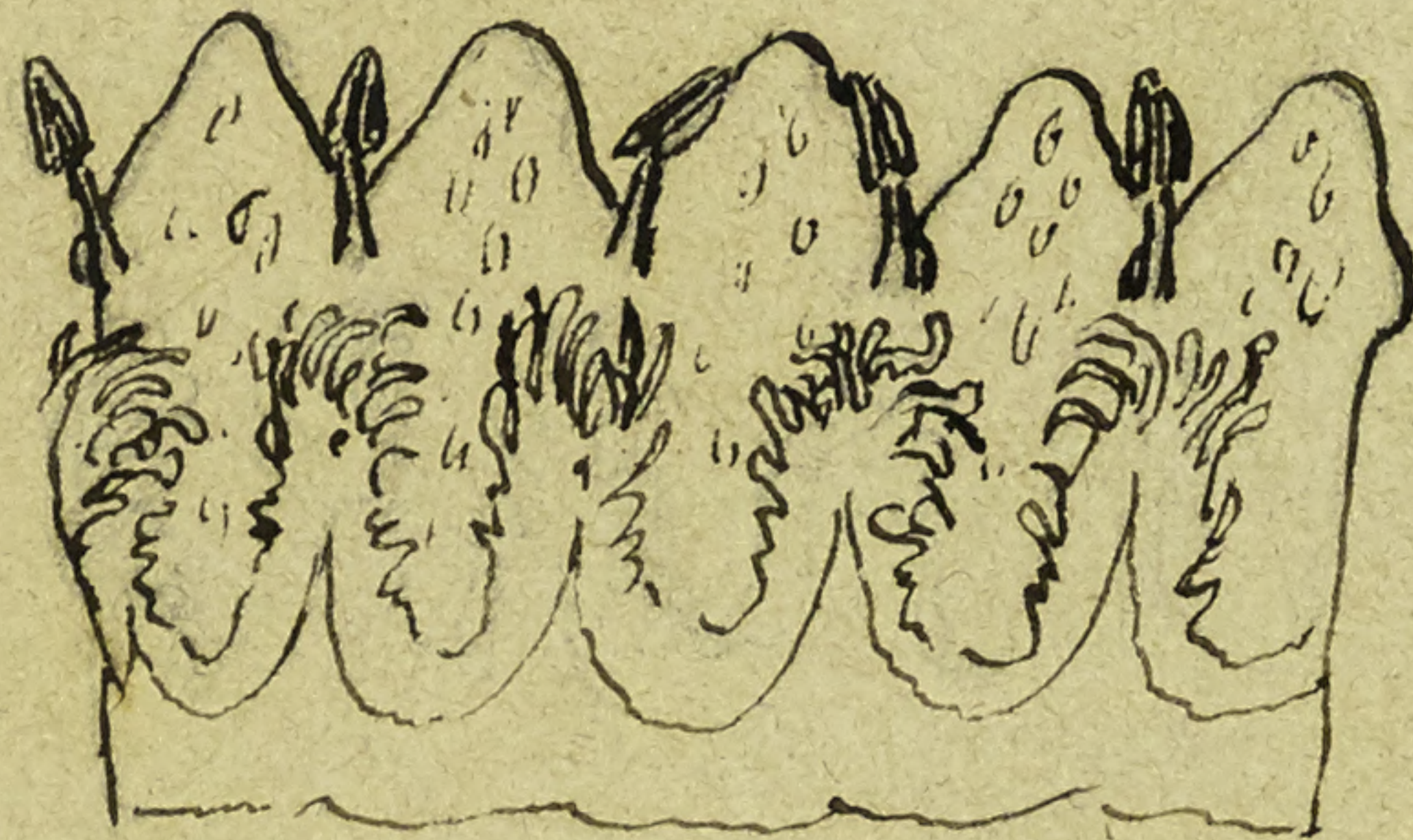


1843

y)



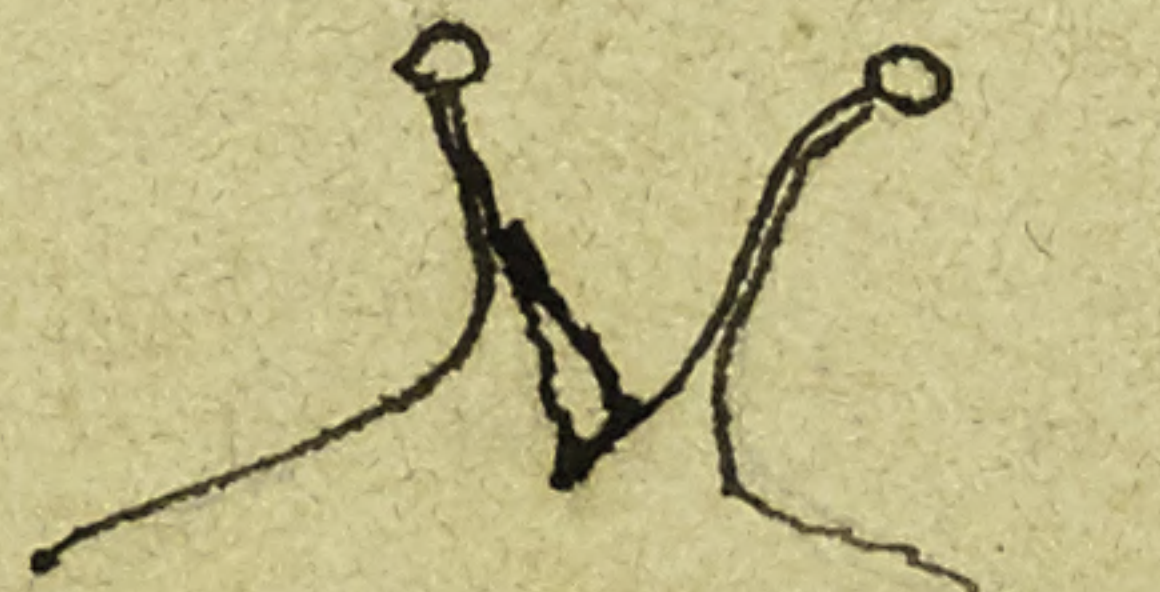
flower with a bract.



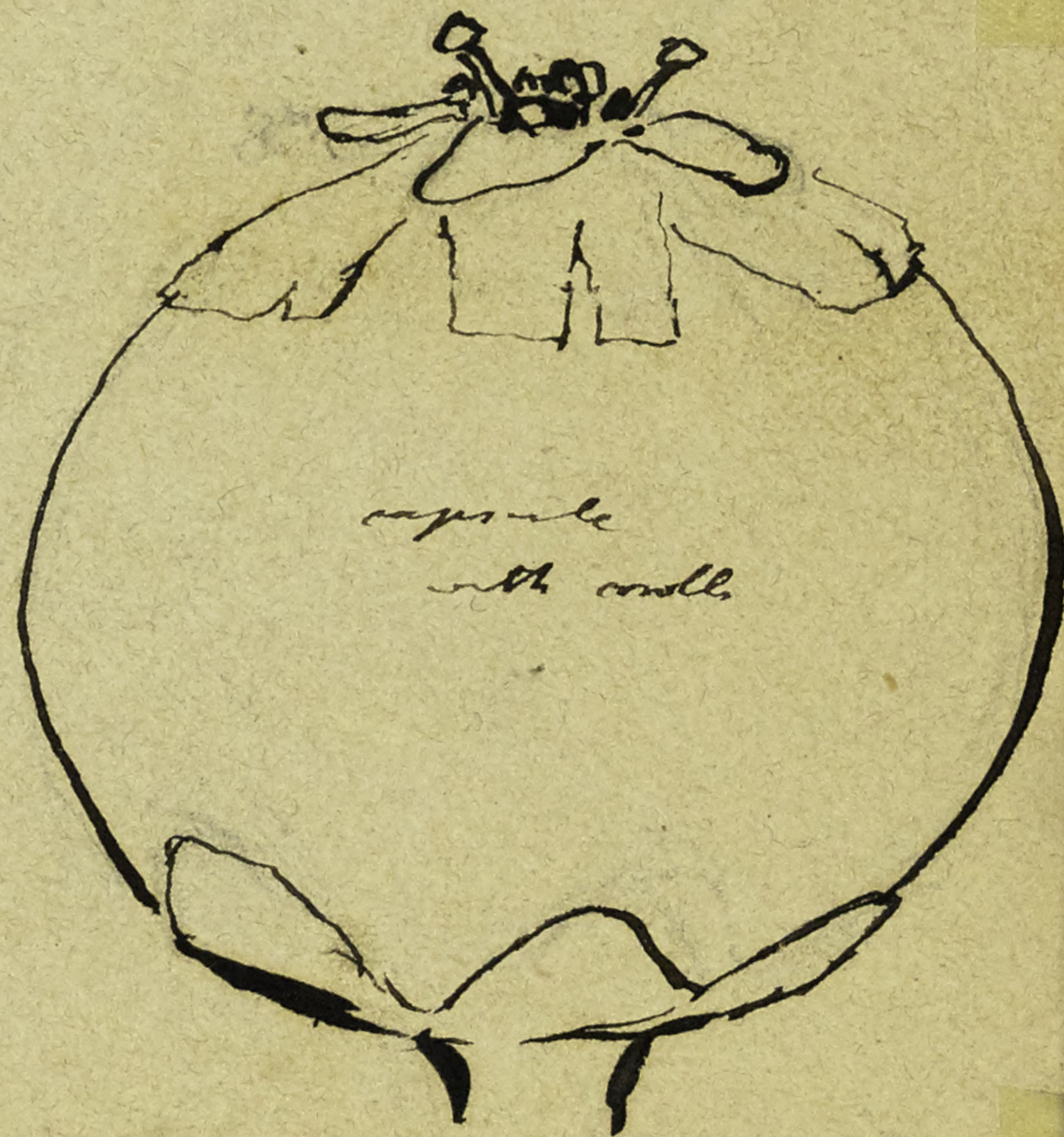
corolla open



ovary



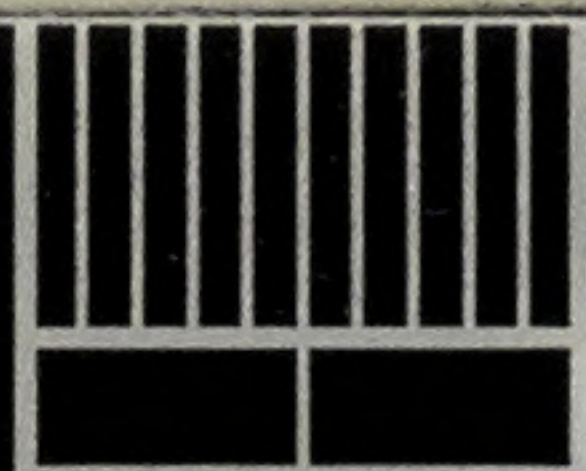
top of capsule



capsule with corolla

*Cuscuta bonariensis*

Hort Carlisle



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Cus. *Amorpha* <sup>var. *hirsuta*</sup>  
from South America? I have not  
met with it in any herbarium. wild! #

is it a form of *Gsonovii*?

The Reading specimen is remarkable;  
it and those from Shreveport are  
the only ones seen by me with some-  
what ~~cryptic~~ capsule.

# or does my Dublin one mistake  
belong here? M 116 x 44



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4920

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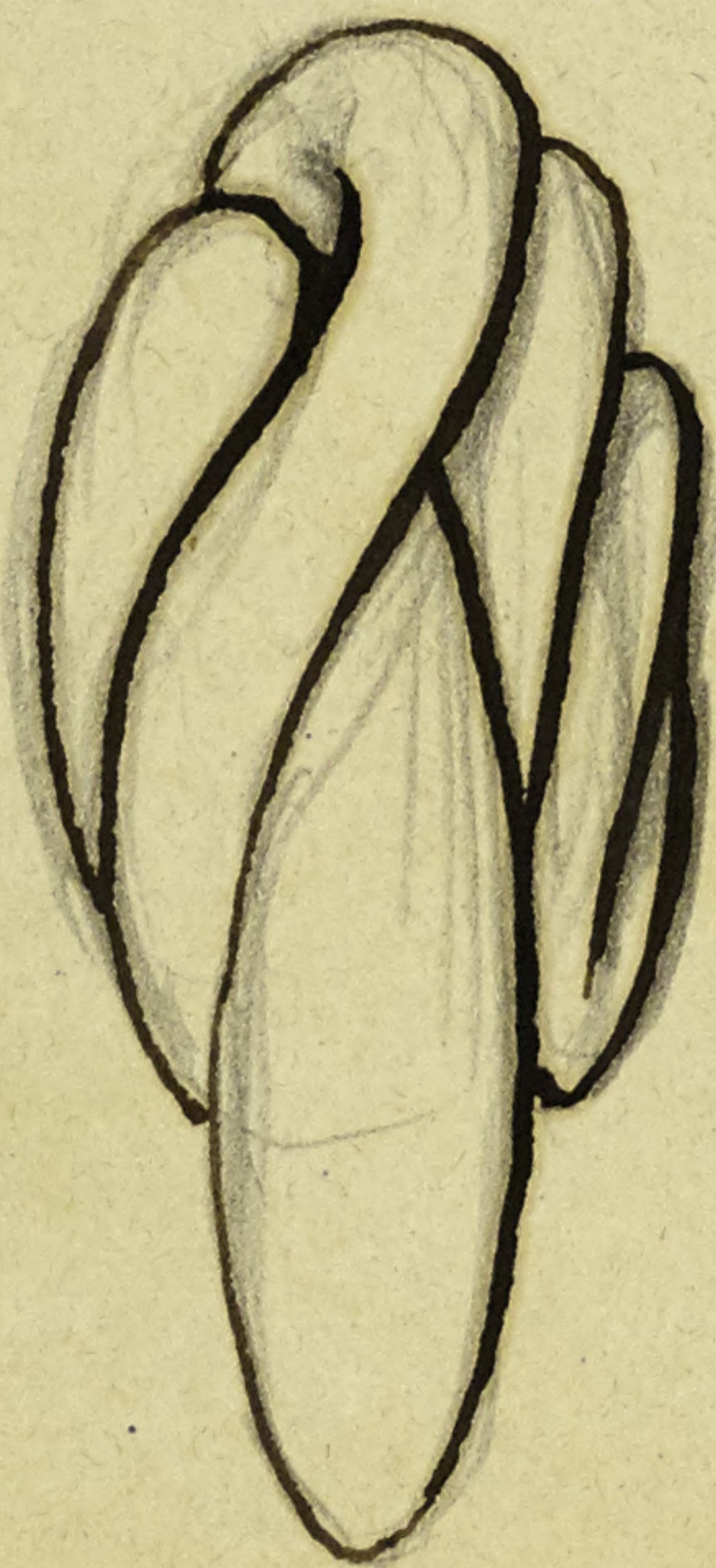
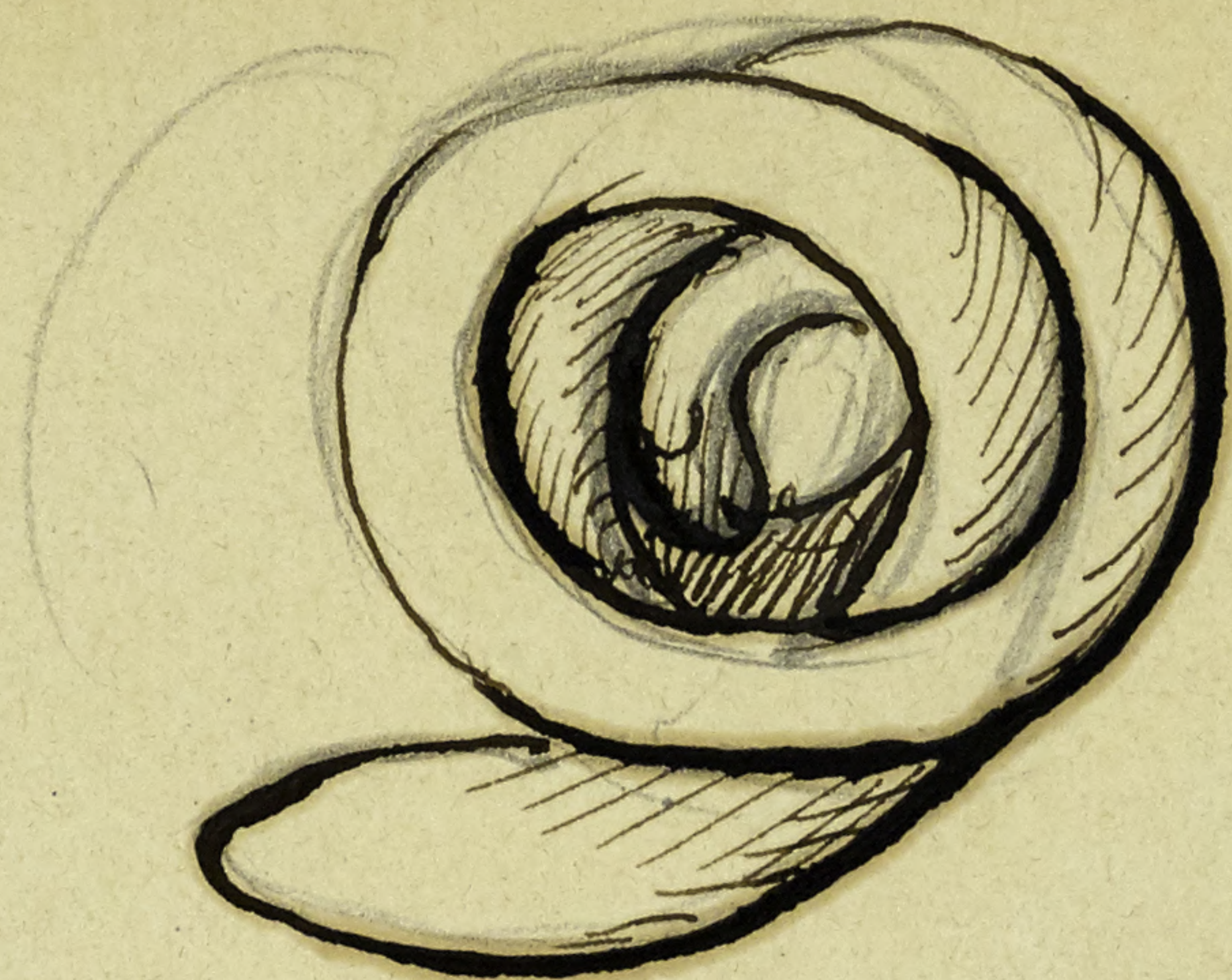
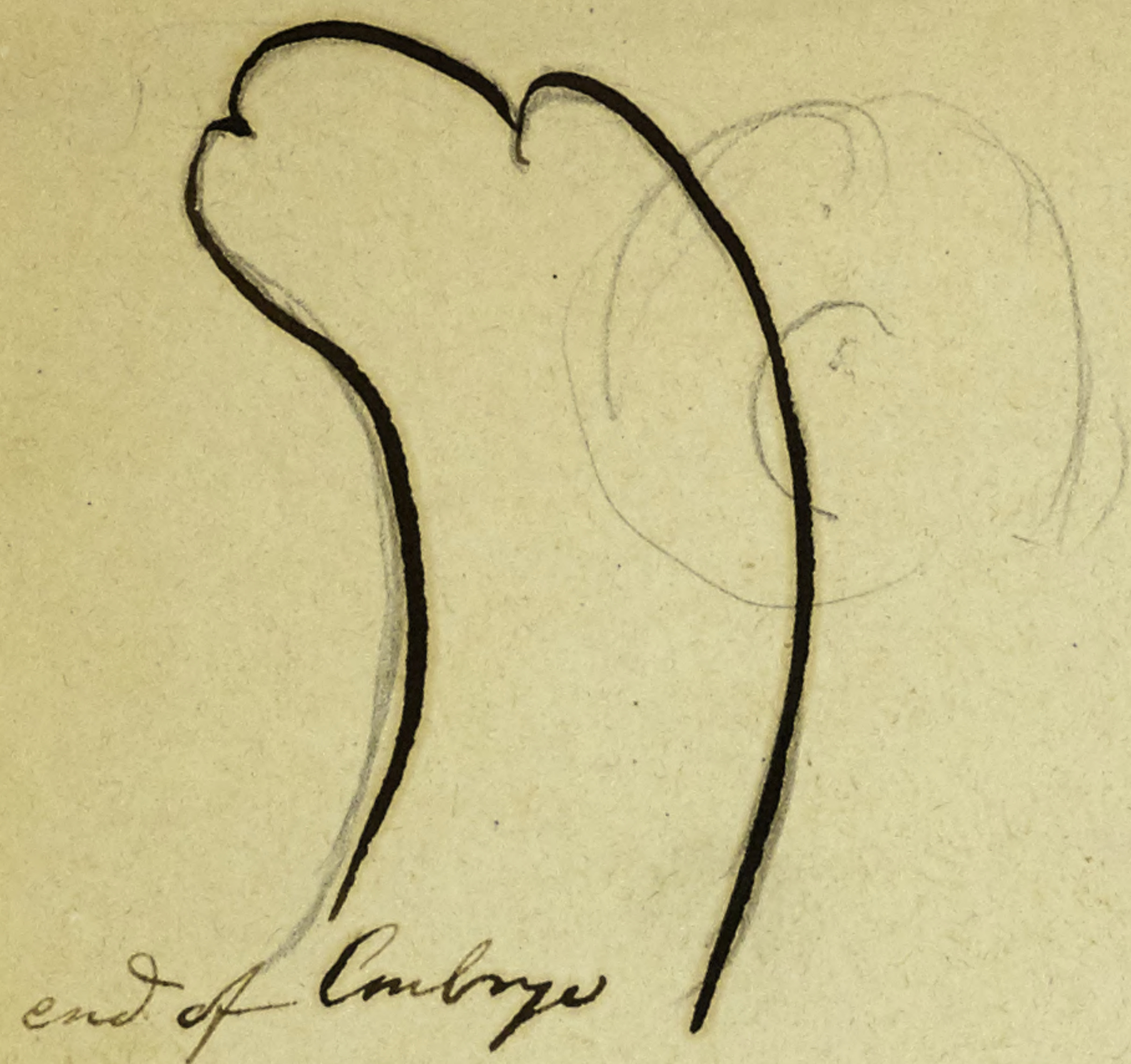
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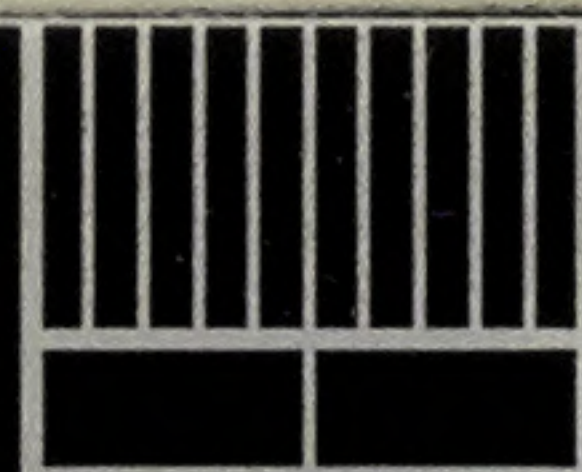
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64. 6.



Embryo of *P. bonariensis*  
as often seen in this plant,  
Embryo 5-lined long,  
~~4 times~~ forming 4 circumvolutions  
oft. irregularly contort.



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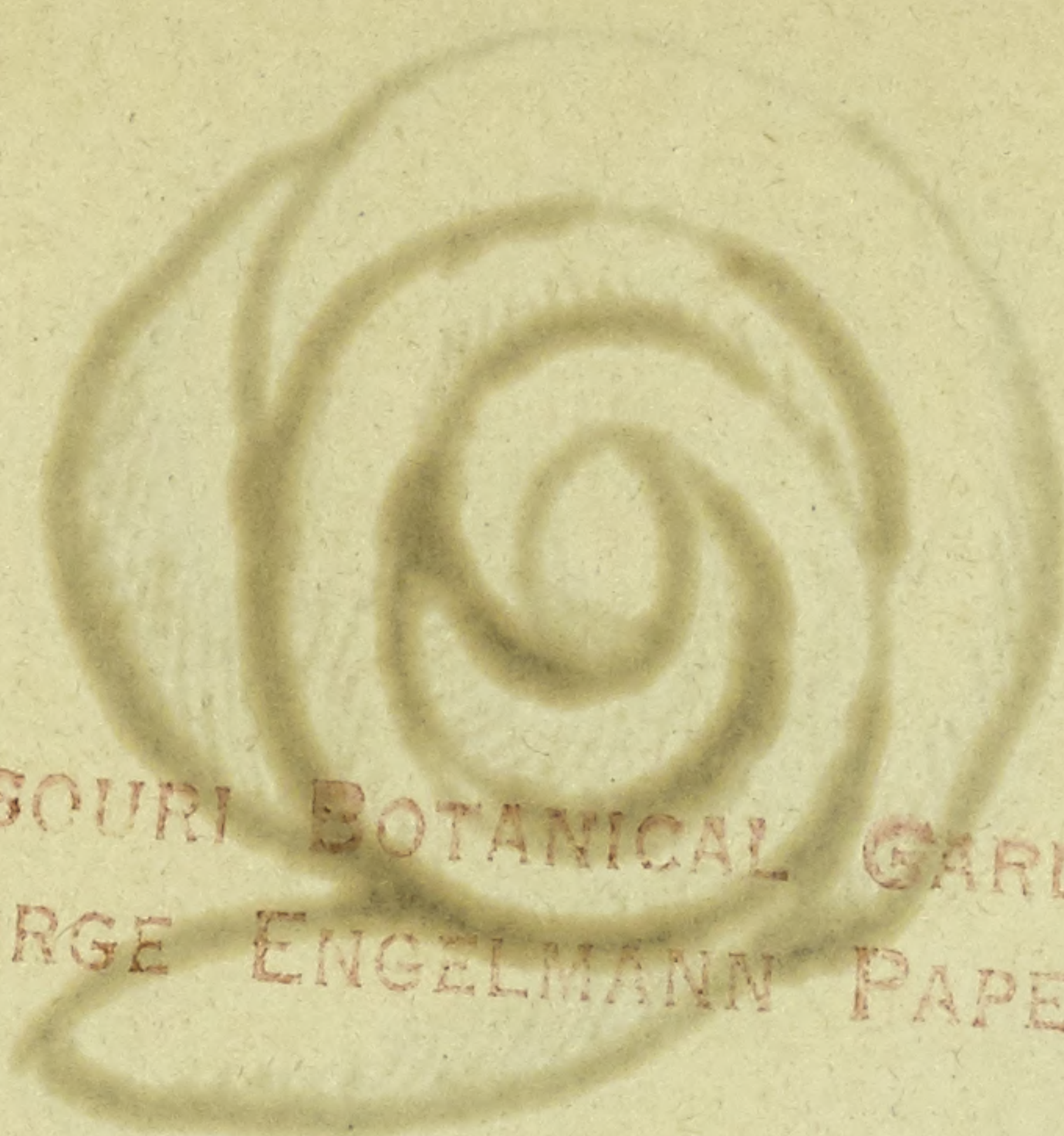
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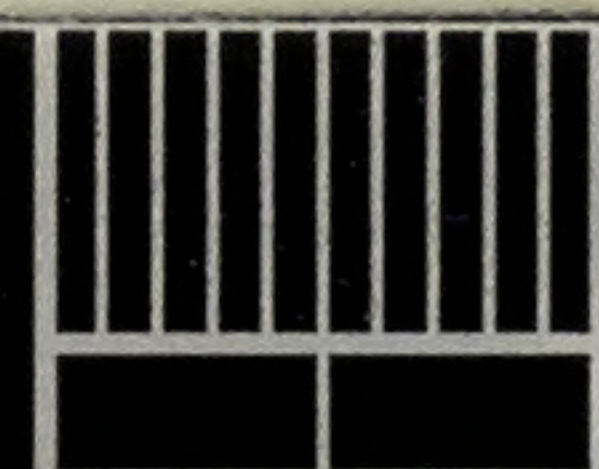
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4921



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